Datasheet

AQStation Switch 3x 10A

Typ: AQS Switch 3x 10A
Order No.: 90.10.000

ALTENBURGER
ELECTRONIC GMBH

1 Function

The AQStation Switch is a LAN/Wi-Fi-based control device with volt-free relays for three circuits. Each circuit has a 10A volt-free relay output. These outputs are designed to switch electronic devices of all kinds up to 10A. The three circuits are independently controllable. The home LAN/Wi-Fi is used as a bus system. This enables the use of off-the-shelf smartphones and tablet computers running on Android or iOS to control and visualise AQStation devices.
The AQStation Switch 3x 10A can be controlled with its integrated push-button panel, peripheral push-button panels or the relevant AQStation App. For more information about the visualisation, scenes, groups and timer functions, see the AQStation App description available from www.altenburger.de or www.aqstation.de.

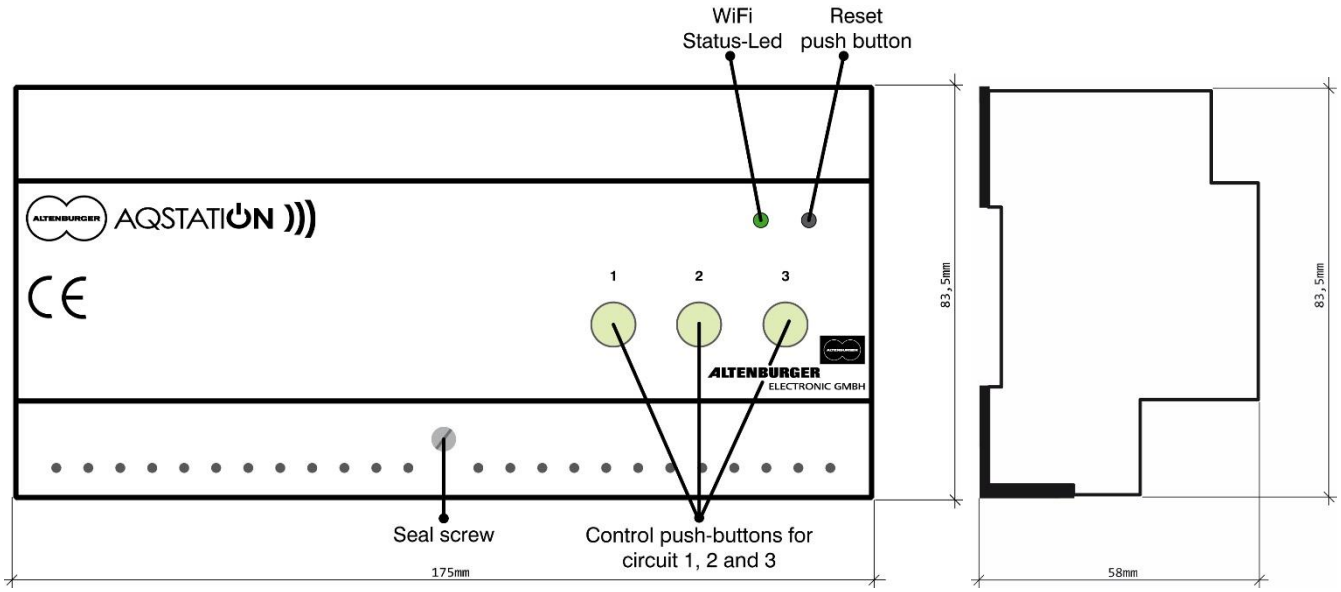
2 Switching on/off

In the "OFF" mode, the load is cut off through relays (µ load contact).

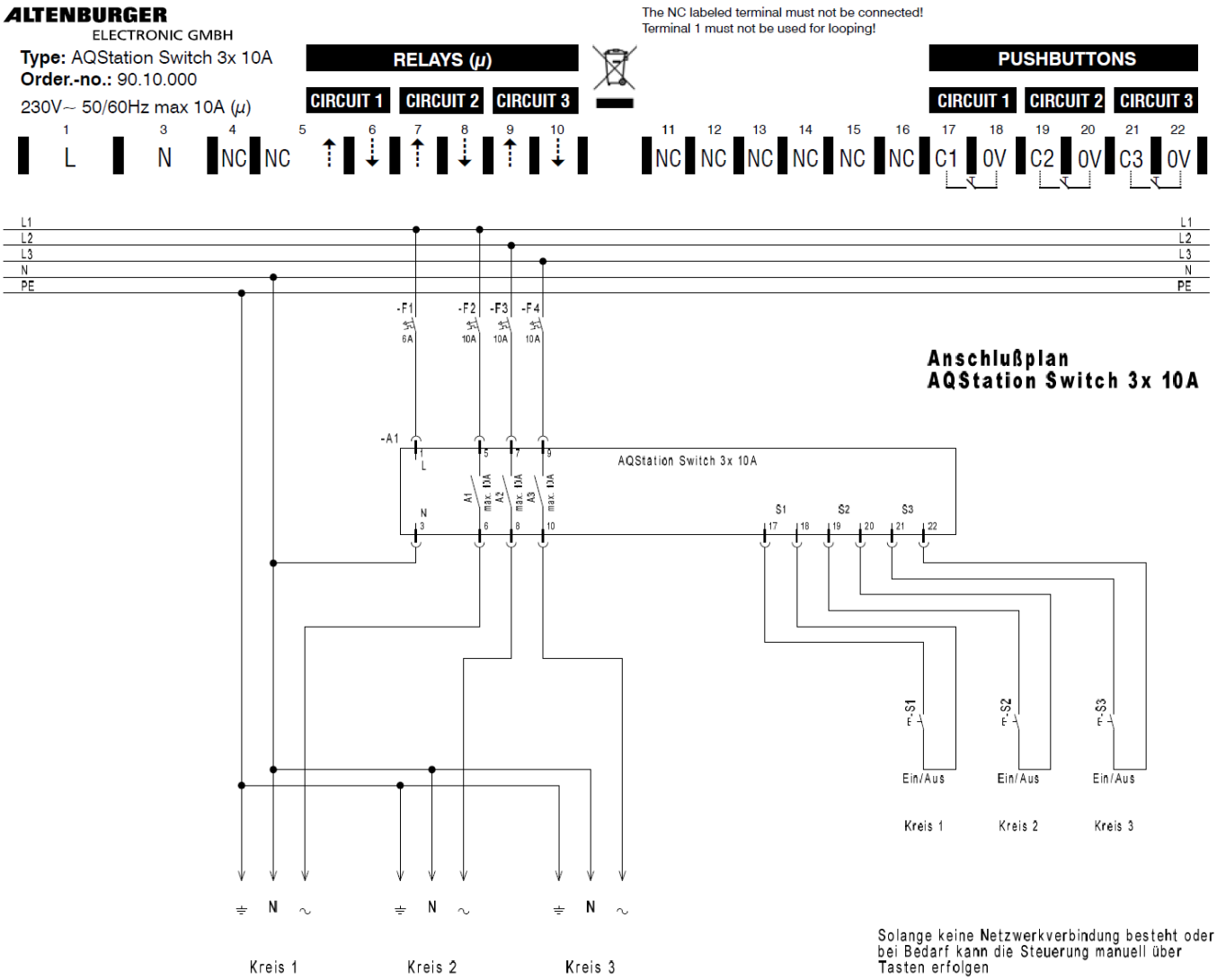
3 Connectible loads

Bei ohmscher Last kann die Schaltkapazität von 10 A ausgenutzt werden, andernfalls ist der cos φ zu berücksichtigen.

4 Overview



5 Wiring diagram



6 Technical data

Designation	AQStation Switch 3x10A
Type	AQS Switch 3x10A
Order Number	90.10.000
Supply Voltage	110V-240V AC 50/60HZ, DC not allowed
Protection	external 6A, internal microfuse
Mounting form	DIN rail housing
Dimensions, weight	WxHxD=175 x 83.5 x 58 mm (10 TE), approx. 200 gr.
Internal displays	1x green LED (Wi-Fi mode) 3x green LED (switch mode) at control keys
Internal controls	3x push-buttons for the manual control (on/off) 1x reset push-button (factory settings, including Wi-Fi)
Wi-Fi	2.4 GHz 802.11n
LAN	RJ45, 100-MBit-Ethernet (Fast Ethernet)
Operating temperature	0°C … +35°C
Power input	< 2 W
Protection class	II (protective isolation)
Protection category	IP 20
Degree of contamination	2 (dry non-conductive)
Load contact (µ)	3x max. 10A at 230V ohmic load
Qualification	CE, RoHS, WEEE

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